

Name: _____

PHYSICS I – MECHANICS VOCABULARY ACCELERATION
Chapter 8: Rotational Motion

DIRECTIONS: Define the following words from the chapter. (Note: “†” means it is located twice in the chapter. Include both definitions. “*” means read the section to define the vocabulary term.)

1. Rigid Object (Introduction)
2. Axis of Rotation (8-1)
3. Radian (8-1)
4. Average Angular Velocity (8-1)
5. Instantaneous Angular Velocity (8-1)
6. Average Angular Acceleration (8-1)
7. Instantaneous Angular Acceleration (8-1)
8. Frequency (8-1)
9. Period (8-1)
10. Constant Angular Acceleration (8-2)
11. Lever Arm (8-4)
12. Moment Arm (8-4)
13. Torque (8-4)
14. Moment of Inertia (8-5)
15. Rotational Kinetic Energy (8-7)
16. Angular Momentum (8-8)
17. Law of Conservation of Angular Momentum (8-8)
18. The Right-Hand Rule (8-9)